

Date: Sun, 7 Aug 94 04:30:22 PDT
From: Ham-Homebrew Mailing List and Newsgroup <ham-homebrew@ucsd.edu>
Errors-To: Ham-Homebrew-Errors@UCSD.Edu
Reply-To: Ham-Homebrew@UCSD.Edu
Precedence: Bulk
Subject: Ham-Homebrew Digest V94 #226
To: Ham-Homebrew

Ham-Homebrew Digest Sun, 7 Aug 94 Volume 94 : Issue 226

Today's Topics:

 2m mobil amplifier
 Does anyone have info on QEX?
 HF preamp circuit NEEDED
 How does one make a good, CHEAP, antenna for 2m/70cm???
 NEC simulation software
 Tube Receiver IF oscillates, Help

Send Replies or notes for publication to: <Ham-Homebrew@UCSD.Edu>
Send subscription requests to: <Ham-Homebrew-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Homebrew Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-homebrew".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 4 Aug 1994 11:49:29 GMT
From: psinntp!internet!psinntp!arrl.org!zlau@uunet.uu.net
Subject: 2m mobil amplifier
To: ham-homebrew@ucsd.edu

James D. Cronin (jdc@cci.com) wrote:

: And then there's projects using parts cheaply and easily available
: in the 90's. Well, I'm off to the local Radio Shack for some dual-
: gate MOSFET's.

Thanks for the info. I wasn't sure that these were acceptable for
use in a 20 meter SSB transceiver that I designed ages ago. I've
been too busy trying to operate all the VHF/UHF/microwave contests
on all bands/modes to keep track of the latest RS offerings/rumors of
offerings. Maybe I'll have time to design the LO for my 24 GHz
transverter before the September Microwave Update in Estes Park, CO.

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Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

Date: 5 Aug 1994 00:37:00 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!gatech!news-feed-1.peachnet.edu!
hobbes.cc.uga.edu!aisun3.ai.uga.edu!mcovingt@network.ucsd.edu
Subject: Does anyone have info on QEX?
To: ham-homebrew@ucsd.edu

Erik Sorgatz (sorgatz@avatar.tti.com) wrote:

: I like QEX except for the articles that use those blasted UK and
: EURO-spec (read: you cant find 'em and nobody knows which standard
: US parts can be substituted for them) semiconductor devices...sheesh!

Hmmm, they should translate the parts numbers too, when they translate
a German or French article :)

--

< Michael A. Covington, Assc Rsch Scientist, Artificial Intelligence Center >
< The University of Georgia, Athens, GA 30602-7415 USA mcovingt@ai.uga.edu >
< Unless specifically indicated, I am not speaking for the University. > <><
For information about any U.Ga. graduate program, email gradadm@uga.cc.uga.edu.

Date: 6 Aug 94 01:38:31 EDT
From: gumby!wmichgw!x90galbrait1@uunet.uu.net
Subject: HF preamp circuit NEEDED
To: ham-homebrew@ucsd.edu

I'm looking for an HF preamp circuit. Does anyone know of an available kit
or circuit board for such a device. The smaller the better.
Thanks in advance,
Chris KA8WFC

Date: Sun, 7 Aug 94 06:16:07 GMT
From: sequent!muncher.sequent.com!justin@uunet.uu.net
Subject: How does one make a good, CHEAP, antenna for 2m/70cm???
To: ham-homebrew@ucsd.edu

Hi there, I am not too sure if you guys get a lot of questions like this, but

here's a shot.

I am looking to make my own CHEAP, high gain/low loss 2m/70cm antenna. II'm planning on operating a 5W handheld (all my budget can afford...) and got a lot of coax cable (not sure what it is but I think it is 8240 if that is correct??) I am only going to need about 5-10 feet from the inside of the house to the outside. I was planning on putting up a dipole along the side of the house that is always away from the sun. I don't care how long the antenna ends up being, I just want the BEST possible range...ie high gain & low loss.

Please let me know of any help you may have on this subject.

Thanks in advance,
Justin

justin@sequent.com - If it gets back to my employer, I didn't say it!!!

Date: Sat, 6 Aug 1994 23:38:59 GMT
From: ihnp4.ucsd.edu!agate!dog.ee.lbl.gov!newshub.nosc.mil!nosc!hns_west!
jcheah@network.ucsd.edu
Subject: NEC simulation software
To: ham-homebrew@ucsd.edu

Dear Sirs,

I heard that that there is a wealth of knowledge on NEC simulation software here in the HAM world. Can someone point me to a ftp site where I can download Fortran source code for NEC, and any other things I can do to get up to speed on NEC....

Thank you,

jcheah@hns.com

Date: Fri, 5 Aug 1994 13:54:03 GMT
From: ihnp4.ucsd.edu!news.acns.nwu.edu!math.ohio-state.edu!howland.reston.ans.net!
europa.eng.gtefsd.com!uhog.mit.edu!nntp.club.cc.cmu.edu!casaba.srv.cs.cmu.edu!
dolphin!ed@network.ucsd.edu
Subject: Tube Receiver IF oscillates, Help
To: ham-homebrew@ucsd.edu

Ok older tube hackers, this one is for you.

I have a tempo one, Tube hf rig, I have been using the receiver for over a month, I borrowed a portable tube tester and removed the tubes

1 at a time. Tested them and put them back in their respective sockets.
All the tubes tested either good or the hi end of the \?/ range.

When I powered tempo up, I got a full scale S meter reading and no received audio at all, Could not even receive the xtal calibrator.

I started pulling tubes out and finally removed (I think) the 1st IF tube, a 12AX7A, the S meter went down. I swapped it with another 12AX7A (tx circuit) and I was able to receive the xtal cal osc, but on AM I was getting a tone that would zero beat and then increase in freq when I qsy +/- the calibrate signal.

Is there a possibility that the tube checker (an EICO briefcase style) could have damaged the tubes? They all checked good, or near good, and no shorts. I am wondering if I may have cracked a tube socket solder connection pulling & inserting the tubes.

I did not have time & energy to get into it deep at midnight last night (YAWN).

Ideas? Things to check? Similar Experiences?

Ed N3SD0 Ed@fore.com

End of Ham-Homebrew Digest V94 #226
